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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/703,494	10/31/2000	Nils Rydbeck	34650-608PT	2951

23932 7590 08/28/2003

JENKENS & GILCHRIST, PC
1445 ROSS AVENUE
SUITE 3200
DALLAS, TX 75202

EXAMINER

CHOW, DOON Y

ART UNIT	PAPER NUMBER
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2675

DATE MAILED: 08/28/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/703,494

Applicant(s)

RYDBECK, NILS

Examiner

Dennis-Doon Chow

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 August 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5,8-20 and 22-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5,8-20 and 22-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5, 8, 15-20, 22 -23 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sekendur (5852434) in view of Tuli (6348914).

Sekendur discloses a pen FIG. 7 for reading positional data FIGS. 1a-2 from a specially formatted surface FIG. 1 which comprises a data entry paper can be reusable. Optical detector 19 is disclosed within the pen. In col. 5, lines 36-39, it is disclosed that during the process of writing, the surface is scanned, data is sent to a processor and analyzed, and output to a screen. Sekendur further discloses a writing means that can be selectively activated and deactivated.

Sekendur does not disclose a sensor for detecting a contact between the electronic reading device and the specially formatted surface, and a wireless transmitter for transmitting the detected data.

Tuli teaches an electronic pen device comprising a pressure sensor for detecting a contact between the electronic pen device and a writing surface (see abstract), wherein the pressure sensor inherently includes a predetermined threshold force; a

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memory for storing an inputted data; a wireless transmitter for transmitting the inputted data to a receiver (Fig. 2).

It would have been obvious to one of ordinary skill in the art to use Tuli's teachings in Sekendur's invention because the pressure sensor allows the pen to be turned on automatically when the pen is in use and off automatically when the pen is not in use. As to the use of the wireless transmitter, it eliminates the use of a cable transmission which limits the distance of the transmission.

3. Claims 9-14 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sekendur in view of Tuli as applied to claims 1-5, 8, 15-20, 22-23 and 25 above, and further in view of Wolff et al. (GB2306669A).

Sekendur does not disclose the use of a paper reprinted with at least one data entry field.

Wolff discloses a system using pen instrument 91 for writing on an ordinary document (p. 3., lines) or special documents such as Calendar Book. It is needed to identify a specified type of a special document, bar code 13 is used in conjunction with optical sensor 20. In p. 22, lines 5-8, it is disclosed that CCD 260 can identify local context within a document by identifying printed marks. Fig. 1 discloses an example 20 of a calendar book page. Page 20 is preprinted with columns of rectangles 22, 22' and other spaces for writing associated with time of day, with examples of handwriting and checkmarks shown.

In light of Wolff, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the formatted writing surface of Sekendur to include preprinted entry fields. This would have been obvious because more data can be entered to the specially formatted surface.

Conclusion


4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. O'Connor et al. and Nathan et al. teach a sensor for sensing a contact between a pen and a writing surface.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis-Doon Chow whose telephone number is 703-305-4398. The examiner can normally be reached on 8:30-6:00, Alternate Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steve Saras can be reached on 703-305-9720. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-0377.

D. Chow
August 21, 2003


DENNIS-DOON CHOW
PRIMARY EXAMINER